

REMARKS/ARGUMENTS

Applicant thanks the examiner for the careful examination given to the present application. The application has been reviewed in light of the Office action, and it is respectfully submitted that the application is patentable over the art of record.

Claims 1, 3, 5-12 and 16-18 stand rejected under 35 U.S.C. 102(b) as being anticipated by Beutler et al. (U.S. Patent No. 5,832,080). For following reasons, the examiner's rejection is respectfully traversed.

Beutler does not disclose or teach "a chassis constituting an internal skeleton portion of said first box member and said second box member, said chassis being made of a metal part and including integrally formed hinge portions of said hinge" and "parts other than those made of metal are employed as external parts for said first box member and said second box member" as recited in claim 1.

Beutler discloses a lower housing 102 with hinge elements 110, 112 coupled to an upper housing 104 with hinge elements 114, 116, and a cylinder 118 containing a flex strip 402 positioned between the upper housing hinge elements 114, 116. In Beutler, the cylinder 118 contains a flex strip 402 that is routed between the housings for making connections between electrical components in the housings.

The Beutler flex strip 402 has an end portion 404 in the upper housing, an elbow portion 410 extending into the cylinder 118, and an end portion 414 extending through a slot 310 in the cylinder 118. However, the Beutler flex strip 402 is not a chassis. The Beutler flex strip 402 is not an internal skeleton portion of the lower housing and upper housing. In fact, as seen in figures 6-9, Beutler does not disclose any item that could be considered as an internal skeleton portion of the housings. Therefore, Beutler does not disclose or teach a chassis constituting an

internal skeleton portion of the housings. The Beutler flex strip 402 also does not include integrally formed hinge portions. Therefore, Beutler does not disclose or teach a chassis being made of metal including integrally formed hinge portions of the hinge. Thus, Beutler does not disclose or teach all the elements of the claimed invention.

Furthermore, Beutler does not disclose what material the upper housing and lower housing are made of. Therefore, Beutler does not disclose or teach that parts other than those made of metal are used as external parts for the housings. Thus, Beutler does not disclose or teach all the elements of the claimed invention.

With regards to claim 10, Beutler does not disclose or teach “at least one hinge part of said hinge includes a reinforcing part that is stronger than external parts of said first box member and second box member and said reinforcing part reinforces said external parts, wherein said external parts are at least one of an upper cover of said first box member and a lower cover of said second box member, and wherein said reinforcing part is an upper hinge frame and a lower hinge frame” as recited in claim 10.

As mentioned previously for claim 1, Beutler discloses a lower housing 102 with hinge elements 110, 112 coupled to an upper housing 104 with hinge elements 114, 116, and a cylinder 118 containing a flex strip 402 positioned between the upper housing hinge elements 114, 116. However, Beutler does not disclose what material the upper and lower housings including hinge elements are made of. Beutler also does not teach that the hinge elements of the upper and lower housings are stronger than external parts of the upper and lower housings. Therefore, Beutler fails to disclose or teach that a reinforcing part of the hinge is stronger than at least one of a cover of the upper and lower housings. Thus, Beutler does not disclose or teach all the elements of the claimed invention.

With regards to claim 11, Beutler does not disclose or teach that “said upper hinge frame and said lower hinge frame are inserted into said external parts” as recited in claim 11. The Beutler hinge elements of the upper and lower housings are each located at an end of the upper and lower housing, respectively. The Beutler hinge elements are not inserted into the external parts of the housings. Thus, Beutler does not disclose or teach all the elements of the claimed invention.

With regards to claim 12, Beutler does not disclose or teach that “said upper hinge frame and said lower hinge frame are integrally formed with an internal chassis that supports a substrate” as recited in claim 12. Beutler discloses that components such as circuit boards are mounted within the housing portion 501. However, Beutler does not disclose an internal chassis. Therefore, Beutler does not disclose or teach all the elements of the claimed invention.

With regards to claim 16, Beutler does not disclose or teach that “one of said upper hinge frame and said lower hinge frame is fixed to said external part with one of a screw and a pawl” as recited in claim 16. Beutler discloses that the lower housing 102 has hinge elements 110, 112 and upper housing 10 has hinge elements 114, 116. However, Beutler does not teach that any of the hinge elements are fixed to an external part with one of a screw and a pawl. Therefore, Beutler does not disclose or teach all the elements of the claimed invention.

With regards to claim 17, Beutler does not disclose or teach that “one of said upper hinge frame and said lower hinge frame is an independent part and is securely attached to an internal chassis that supports a substrate, and said chassis is fixed to said external part with one of a screw and a pawl” as recited in claim 17. Beutler discloses that components such as circuit boards are mounted within the housing portion 501. However, Beutler does not disclose an internal chassis. Beutler also does not disclose that any of the hinge elements are independent parts. Beutler also

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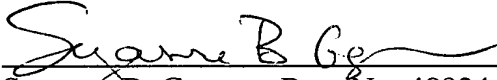
fails to disclose that a chassis is fixed to an external part with one of a screw and a pawl.
Therefore, Beutler does not teach or suggest all the elements of the claimed invention.

In light of the foregoing, it is submitted that the application is in a condition for allowance and notice to that effect is hereby requested. If it is determined that the application is not in a condition for allowance, the examiner is invited to initiate a telephone interview with the undersigned attorney to expedite prosecution of the application.

If there are any additional fees resulting from this communication, please charge the same to our Deposit Account No. 16-0820, our Order No. 33849.

Respectfully submitted,

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